



FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)				ATTY. DOCKET NO. I-2-0135.3US		SERIAL NO. 10/054,030		
				APPLICANT Stephen E. Terry				
				FILING DATE January 22, 2002		GROUP 2662		
U.S. PATENT DOCUMENTS								
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
FOREIGN PATENT DOCUMENTS								
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
Draw	AC	EP 0912015 A2	4/1999	Europe				
↑	AD	EP 0912015 A3	5/1999	Europe				
	AE	EP 0977393 A1	2/2000	Europe				
	AF	WO 9608935	3/1996	PCT				
	AG	WO 9909775	2/1999	PCT				
↓	AH	WO 9847253	10/1998	PCT				
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)								
Draw	AI	Chi-Qing Yang and Alapati V. S. Reddy, "A Taxonomy for Congestion Control Algorithms in Packet Switching Networks", IEEE Network, July/August 1995, pp. 34-45						
↑	AJ	TS 25.321 V2.0.1 MAC Protocol Specification, TSG-RAN Working Group 2 (Radio Layer 2 and Radio Layer 3), Berlin, Germany, May 25-28, 1999.						
↓	AK	Stephen E. Terry, FACH Scheduling, Prioritization and Queue Management, 3GPP TSG-RAN WG2 #4, Berlin, Germany, May 25-28, 1999.						

EXAMINER <i>Donald Mills</i>	DATE CONSIDERED 3/5/04
---------------------------------	---------------------------

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



Sheet 1 of 3

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)	ATTY. DOCKET NO. I-2-0135.3US	SERIAL NO. 10/054,030
	APPLICANT Stephen E. Terry	
	FILING DATE January 22, 2002	GROUP 2662

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
Orly	4,630,261	12/1996	Irvin			
↑	5,278,828	01/1994	Chao			
	5,317,562	05/1994	Nardin et al.			
	5,666,348	09/1997	Thornberg et al.			
	5,729,540	03/1998	Wegrzyn			
	5,742,588	04/1998	Thornberg et al.			
	5,754,541	05/1998	Glisic et al.			
	5,802,310	09/1998	Rajaraman			
	5,838,677	11/1998	Kozaki et al.			
	6,078,568	06/2000	Wright et al.			
	6,091,725	07/2000	Cheriton et al.			
	6,105,070	08/2000	Gaylord			
	6,122,253	09/2000	Jones			
	6,285,662	09/2001	Watanabe et al.			
	6,330,603	12/2001	Seki et al.			
	6,418,136	07/2002	Naor et al.			
	6,421,335	07/2002	Kilkki et al.			
	6,424,624	07/2000	Galand et al.			
	6,496,513	12/2002	Takamichi			
	6,567,420	05/2003	Tiedemann et al.			
✓	6,674,765	01/2004	Chua et al.			

EXAMINER Donald R. Mills	DATE CONSIDERED 3/5/04
------------------------------------	----------------------------------

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



Sheet 2 of 3

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)	ATTY. DOCKET NO. I-2-0135.3US	SERIAL NO. 10/054,030
	APPLICANT Stephen E. Terry	
	FILING DATE January 22, 2002	GROUP 2662

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
Dr		430570 A2	06/1991	EP				
		707386 A2	04/1996	EP				
		877512 A1	11/1998	EP				
		0912015 A2	04/1999	EP				
		0912015 A3	05/1999	EP				
		0977393 A1	02/2000	EP				
		9608935	03/1996	WO				
		9622666 A1	07/1996	WO				
		9833349	07/1998	WO				
		9847253	10/1998	WO				
		9909775	02/1999	WO				
✓		H345051	02/1991	JP				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Dr		Yang et al., "A Taxonomy for Congestion Control Algorithms in Packet Switching Networks," IEEE Network, July/August 1995, pp. 34-45.
		TS 25.321 V2.0 MAC Protocol Specification, TSG-RAN Working Group 2 (Radio Layer 2 and Radio Layer 3), Berlin, Germany, May 25-28, 1999.
		Terry, FACH Scheduling, Prioritization and Queue Management, 3GPP TSG-RAN WG2 #4, Berlin, Germany, May 25-28, 1999.
		Chao et al., "Queue Management with Multiple Delay and Loss Priorities for ATM Switches," IEEE International Conference on Communications, 1994, ICC 94, SUPERCOMM. New Orleans, LA, May 1-5, 1994, Vol. 2, pp. 1184-1189.
✓		Liebeherr et al., "Priority Queue Schedulers with Approximate Sorting in Output-Buffered Switches," IEEE Journal on Selected Areas in Communications, Charlottesville, VA, June 1999, Vol. 17, Iss. 6, pp. 1127-1144.

EXAMINER <i>Dr. [Signature]</i>	DATE CONSIDERED 3/5/04
------------------------------------	---------------------------

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)		ATTY. DOCKET NO. I-2-0135.3US	SERIAL NO. 10/054,030
		APPLICANT Stephen E. Terry	
		FILING DATE January 22, 2002	GROUP 2662
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
Draw		Aldama et al, "Outage Effects on the TCP-Wireless Integration for Data/Voice Services in CDMA Systems Using Multiple Access," IEEE 49 th Vehicular Technology Conference, May 16-20, 1999, Vol. 2. pp. 1717-1721.	
		Okada et al., "CDMA Unslotted Aloha System with Finite Buffers," IEEE International Universal Personal Communications, October 5-9, 1998, Vol. 2, pp. 1143-1147.	
		TSGW3#n(99)395, "Draft LS to RAN 2, Common Channel Management Over Iur," TSG-RAN Working Group 3 Meeting #3, Nortel Networks, Kawasaki, Japan, April 26-30, 1999.	
		TSGR3#3(99)289, "Report of [ARC/1] Study Item 'Common Transport Channels (FACH, RACH, DSCH) on Iur,'" (Draft), TSG-RAN Working Group 3 (Architecture), Kawasaki, Japan, April 26-30, 1999, pp. 1-5.	
		TS 25.321 V2.0.0 (1999-04), "MAC Protocol Specification," 3 rd Generation Partnership Project (3GPP), Technical Specification Group (TSG) RAN, Working Group 2, 1999.	

EXAMINER <i>Donald M. [Signature]</i>	DATE CONSIDERED 3/15/04
--	----------------------------

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEINFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(Use several sheets if necessary)

ATTY. DOCKET NO.
2-135.3USSERIAL NO.
10/054,030APPLICANT
Stephen E. TerryFILING DATE
January 22, 2002GROUP
2662COPY OF PAPERS
ORIGINALLY FILED

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
224	AI	5	3	1	7	5	6	2	5/94	Nardin et al.			
1	AJ	5	8	0	2	3	1	0	9/98	Rajaraman			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
													YES	NO
AK	W	O	9	6	0	89	35	3/96	PCT					
AL	W	O	9	8	4	72	53	10/98	PCT					X
AM	W	O	9	9	0	97	75	2/99	PCT					
AN	E	P	0	91	20	15	A2	4/99	Europe					
AO	E	P	0	97	73	93	A1	2/00	Europe					

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

AP	Chi-Qing Yang and Alapati V. S. Reddy, "A Taxonomy for Congestion Control Algorithms in Packet Switching Networks", IEEE Network, July/August 1995, pp. 34-45
AA	TS 25.321 V2.0.1 MAC Protocol Specification, TSG-RAN Working Group 2 (Radio Layer 2 and Radio Layer 3), Berlin, Germany, May 25-28, 1999.
AB	Stephen E. Terry, FACH Scheduling, Prioritization and Queue Management, 3GPP TSG-RAN WG2 #4, Berlin, Germany, May 25-28, 1999.

EXAMINER

Charles E. Hill

DATE CONSIDERED

2/29/04

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEINFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(Use several sheets if necessary)

ATTY. DOCKET NO.
135.3USSERIAL NO.
10/054,030APPLICANT
Stephen E. TerryFILING DATE
January 22, 2002GROUP
2662

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

RECEIVED

JUL 01 2002

Technology Center 2600

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
													YES	NO
AC	E	P	09	12	01	5	A2	4/99	Europe					
AD	E	P	09	12	01	5	A3	5/99	Europe					
AE	E	P	09	77	39	3	A1	2/00	Europe					
AF	W	O	96	08	9	3	5	3/96	PCT					
AG	W	O	99	09	7	7	5	2/99	PCT					
AH	W	O	98	47	2	5	3	10/98	PCT					X

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER

Donald Z. Halls

DATE CONSIDERED

2/29/04

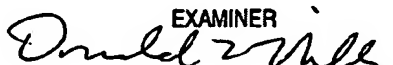
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Amended FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)										ATTY. DOCKET NO. I-2-0135.3US			SERIAL NO. 10/054,030		
APPLICANT Stephen E. Terry															
FILING DATE January 22, 2002										GROUP 2662					

U.S. PATENT DOCUMENTS													
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE							
Dm	AA 5 3 1 7 5 6 2	5/94	Nardin et al.										
/	AB 5 8 0 2 3 1 0	9/98	Rajaraman										

FOREIGN PATENT DOCUMENTS													
DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION								
AC E P 09 12 01 5 A2	4/99	Europe			YES	NO							
AD E P 09 12 01 5 A3	5/99	Europe											
AE E P 09 77 39 3 A1	2/00	Europe											
AF W O 96 08 9 3 5	3/96	PCT											
AG W O 99 09 7 7 5	2/99	PCT											
AH W O 98 47 2 5 3	10/98	PCT											

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
Dm	AI	Chi-Qing Yang and Alapati V. S. Reddy, 'A Taxonomy for Congestion Control Algorithms in Packet Switching Networks', IEEE Network, July/August 1995, pp. 34-45
/	AJ	TS 25.321 V2.0.1 MAC Protocol Specification, TSG-RAN Working Group 2 (Radio Layer 2 and Radio Layer 3), Berlin, Germany, May 25-28, 1999.
/	AK	Stephen E. Terry, FACH Scheduling, Prioritization and Queue Management, 3GPP TSG-RAN WG2 #4, Berlin, Germany, May 25-28, 1999.

EXAMINER 	DATE CONSIDERED 2/29/04
--	-----------------------------------

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.